PRO-604 FINO PRE SEALER SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY OR UNDERTAKING

1.1 Product Identifier:

PRO-604 FINO Pre Sealer – Primer for polyurethane varnish.

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Life cycle stages: C/PW – Consumer use / Widespread use by professional workers

Sector of use: SU19 – Building and construction work

Product category: PC9a – Coatings and paints, thinners, paint removers

Process category: PROC10 – Roller application or brushing; PROC11 – Non-industrial spraying; PROC19 – Manual activities involving hand contact

Environmental release category: ERC10a / ERC11a – Widespread use of articles with low release

Article category: AC0 – Other

Application: Priming. Product for industrial, technical and private use for coating building surfaces. Not recommended for any other use.

Uses advised against: All uses other than those identified above.

1.3 Details of the supplier of the safety data sheet:

Manufacturer:
EWI Pro Insulation Systems Ltd
Unit 1-2, King Georges Trading Estate, Davis Road, Chessington, England, KT9 1TT
0800 133 7072
info@ewipro.com
technical@ewipro.com

Producer:
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Tel. +48 61 846 79 00
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1.4 Emergency phone number:

Environment Agency Emergency Hotline: +44/(0)800 80 70 60

National Poisons Information Centre: +44/(0)171 - 635 9191

National Health Service: 111

European emergency call: 112

Emergency Services (UK): 999

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Not classified – The product is not classified according to GB CLP Regulation (EC) No 1272/2008.

2.2 Description of hazards:

Classification of the mixture: The product is not classified according to the GB CLP Regulation (EC) No 1272/2008.

Hazard pictograms: None.

Signal word: None.

Hazard statements: None.

Additional information: EUH208 – Contains 1,2-benzisothiazol-3(2H)-one (BIT). May produce an allergic reaction. Contains the biocidal active ingredients BIT and zinc pyrithione to protect the product; please observe the information in this safety data sheet and the relevant legal regulations.

Precautionary Statements:

Observe the general safety regulations when handling chemicals.

2.3 Other hazards:

PBT: This mixture contains no components classified as persistent, bioaccumulative and toxic (PBT) at levels of 0.1% or higher.

vPvB: This mixture contains no components classified as very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Endocrine-disrupting properties: This mixture does not contain components with endocrine-disrupting properties according to Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at concentrations of 0.1% or higher.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Composition:

Mixture of the substances listed below with non-hazardous additions.

3.2 Hazardous Substances:

Main Components:

CAS	EC	Name	Content by weight %	Classification according to Regulation (EU) 1272/2008
2634-33-5	220-120-9	1,2-Benzisothiazol-3(2H)-one (BIT) – Index 613-088-00-6	< 0.02%	Acute Tox. 2, H330; Acute Tox. 4, H302; Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1A, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
13463-41-7	236-671-3	Pyrithione zinc – Index 613-333-00-7	–	Acute Tox. 3, H301; Acute Tox. 2, H330; Repr. 1B, H360D; STOT RE 1, H372; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=1000); Aquatic Chronic 1, H410 (M=10)

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3.3 Mixtures:

For the wording of the listed hazard statements, refer to Section 16.

Specific concentration limit (BIT): Skin Sens. 1A, H317: C ≥ 0.036%.

ATE values: BIT – oral LD50 450 mg/kg; zinc pyrithione – oral LD50 221 mg/kg.

M-factors (zinc pyrithione): Aquatic Acute 1 (M = 1000); Aquatic Chronic 1 (M = 10).

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

General information: For first responders no special personal protective equipment is required; avoid contact with the product.

After inhalation: Move affected persons into fresh air and keep them calm. Seek medical treatment if symptoms occur. Provide artificial respiration if breathing is irregular or has stopped. Place unconscious persons in the recovery position for transport.

After skin contact: Wash immediately with soap and water and rinse thoroughly. Remove all contaminated clothing immediately and wash it before reuse; clean contaminated shoes before reuse. If skin irritation persists, consult a doctor.

After eye contact: Do not rub the eyes, as mechanical stress may cause additional damage. Remove contact lenses if present and flush the open eye with water for at least 20 minutes, using isotonic eyewash solution (e.g. 0.9% NaCl) if available. Always consult an occupational physician or ophthalmologist.

After swallowing: Do not induce vomiting. If conscious, rinse the mouth with water and drink plenty of water. Consult a physician or poison control centre.

4.2 Main symptoms and effects, acute and delayed:

Symptoms and effects are described in Sections 2 and 11.

4.3 Indications for medical attention and special treatments to be administered immediately:

If a physician is consulted, this safety data sheet should be made available to them.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

The mixture is not flammable, either as delivered or when mixed. Extinguishing measures should therefore be adapted to the surrounding fire. Suitable extinguishing agents: adapt to the surrounding fire.

5.2 Specific hazards arising from the mixture:

The product is neither explosive nor flammable and is non-oxidising in contact with other materials. There is a particular risk of slipping on leaked/spilled product.

5.3 Advice for firefighters:

No special measures required. Collect contaminated firefighting water separately; it must not enter the sewage system. Dispose of fire debris and contaminated firefighting water in accordance with official regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

If appropriate, reference must be made to the exposure controls and personal protection given in Section 8.

6.1.1. For non-emergency personnel:

Avoid contact with the eyes and skin. Ensure adequate ventilation. Use personal protective equipment as described in Section 8.

6.1.2. For emergency personnel:

Use personal protective equipment as described in Section 8.

6.2 Precautions for the environment:

Do not allow undiluted product or large quantities of it to reach groundwater, watercourses or the sewage system.

6.3 Methods and material for containment and cleaning:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the collected material in accordance with regulations.

6.4 Reference to other sections:

See Section 7 for information on safe handling, Section 8 for personal protective equipment, and Section 13 for disposal.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Ensure good ventilation/extraction at the workplace. Avoid contact with the eyes and skin. Wear protective clothing. Washing facilities and water for cleaning the skin should be available. Persons prone to skin diseases or other skin hypersensitivity reactions should not handle the product. Do not eat, drink, smoke or sniff while working.

7.1.1. Protection measures:

Avoid contact with the eyes and skin; wear protective clothing; ensure good ventilation.

7.1.2. Measures to Prevent Fires:

No special measures required. The product is not flammable.

7.1.3. Measures to Prevent Airborne Particles and Dust:

Avoid the formation of aerosols and mist; ensure good ventilation/extraction.

7.1.4. Measures to Protect the Environment:

Avoid release to the environment; do not allow the product to enter the sewage system.

7.1.5. General Occupational Hygiene Measures:

Wash hands before breaks and at the end of work. Keep away from food, drink and animal feed. Do not eat, drink, smoke or sniff while working.

7.2 Conditions for safe storage, including any incompatibilities:

Keep out of the reach of children. Store in a cool, dry place in tightly closed containers. Keep away from food, drink and animal feed. Protect from frost, heat and direct sunlight. Minimum storage life (+5 °C to +25 °C): see indication on packaging. Storage class: 12.

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7.3 Specific end use(s):

No further relevant information available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

The product does not contain any relevant quantities of substances with critical workplace exposure limit values that require monitoring.

SCOEL [1] Recommendations:

No SCOEL/WEL occupational exposure limit values are assigned to the components of this product.

Occupational Exposure Limit Values (VLA):

None assigned.

DNELs – 1,2-benzisothiazol-3(2H)-one (CAS 2634-33-5):

Dermal, systemic, long-term: 0.345 mg/kg bw/day (consumer); 0.966 mg/kg bw/day (worker)

Inhalation, systemic, long-term: 1.2 mg/m³ (consumer); 6.81 mg/m³ (worker)

PNECs – 1,2-benzisothiazol-3(2H)-one (CAS 2634-33-5):

Freshwater: 0.00403 mg/l

Marine water: 0.000403 mg/l

Soil: 3 mg/kg

Freshwater sediment: 0.0499 mg/kg

Marine sediment: 0.000499 mg/kg

Sewage treatment plant: 1.03 mg/l

8.2 Exposure controls:

8.2.1. Appropriate technical controls:

Ensure good ventilation/extraction at the workplace. No further data; see Section 7.

8.2.2. Individual protective measures, such as personal protective equipment:

General protective and hygienic measures: Use skin-protection cream. Avoid close or prolonged contact with the skin and contact with the eyes. Wash hands before breaks and at the end of work. Keep away from food, drink and animal feed. Do not eat, drink, smoke or sniff while working.

Respiratory protection: Use a suitable respiratory protective device only when aerosol or mist is formed (FFP2 to EN 149).

Hand protection: Chemical-resistant protective gloves to EN ISO 374. Suitable materials for permanent contact (breakthrough time ≥ 480 min): polychloroprene (≥ 0.5 mm), nitrile rubber (≥ 0.35 mm), butyl rubber (≥ 0.5 mm), fluororubber (≥ 0.4 mm), neoprene (≥ 0.5 mm). Not suitable: non-liquid-tight gloves of fabric, leather or similar materials. Reduce glove-wearing time to the minimum necessary and use preventive skin protection.

Eye/face protection: In case of splash risk, use tightly fitting safety goggles to EN 166.

Body protection: Protective work clothing.

8.2.3. Environmental exposure controls:

Avoid release to the environment. Use surplus product or dispose of it properly.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

Physical state: Liquid
Form: Fluid
Colour: Colourless
Odour: Characteristic
Odour threshold: Not safety relevant
pH (20 °C): 7.5 – 9.5
Melting point / freezing point: Undetermined
Boiling point / boiling range: Undetermined
Flammability: Product is not flammable
Flash point: Not applicable
Oxidising properties: None
Explosive properties: Product does not present an explosion hazard
Ignition temperature: Product is not self-igniting
Vapour pressure: Not determined
Density (20 °C): 1 – 1.1 g/cm³
Solubility in water: Fully miscible
Partition coefficient n-octanol/water (log): Not determined
VOC (without water, EC): 0.00 g/l
VOC (with water, EC): 0.00 g/l (0.000%)

9.2 Other information:

Information on physical hazard classes (explosives; flammable gases, aerosols, oxidising gases, gases under pressure; flammable liquids and solids; self-reactive substances; pyrophoric liquids and solids; self-heating substances; substances which emit flammable gases in contact with water; oxidising liquids and solids; organic peroxides; corrosive to metals; desensitised explosives): not applicable.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No dangerous reactions known.

10.2 Chemical stability:

The product is stable as long as it is stored properly and kept dry. No decomposition when used according to specifications.

10.3 Possibility of hazardous reactions:

No dangerous reactions known.

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10.4 Conditions to avoid:

No further relevant information available. Protect from frost, heat and direct sunlight.

10.5 Incompatible materials:

No further relevant information available.

10.6 Hazardous decomposition products:

No dangerous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation:

Based on available data, the classification criteria are not met. The product was not tested; the assessment is derived from the properties of its components. For 1,2-benzisothiazol-3(2H)-one (BIT): inhalation LC50 (4 h) 0.05 mg/l (ATE).

Ingestion:

Based on available data, the classification criteria are not met. BIT: oral LD50 450 mg/kg (ATE), 1,150 mg/kg (mouse), 597 mg/kg (rat).

Eye contact:

Based on available data, the classification criteria are not met.

Skin contact:

Based on available data, the classification criteria are not met. BIT: dermal LD50 >2,000 mg/kg (rat).

Chronic skin conditions:

A sensitising effect on skin contact is possible with prolonged exposure (BIT is a skin sensitiser, Skin Sens. 1A). Based on available data, the classification criteria for the mixture are not met.

Carcinogenicity:

Based on available data, the classification criteria are not met.

Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

Specific target organ toxicity – single exposure (STOT SE):

Based on available data, the classification criteria are not met.

Specific target organ toxicity – repeated exposure (STOT RE):

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

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SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

The product was not tested; the assessment is derived from the properties of its components.

1,2-benzisothiazol-3(2H)-one (BIT): LC50 (96 h) 1.6 mg/l (fish, Oncorhynchus mykiss, OECD 203); EC50 (48 h) 3.27 mg/l (Daphnia magna) and 1.5 mg/l (daphnia); EC50 (72 h) 0.11 mg/l (algae, Selenastrum capricornutum, OECD 201) and 2 mg/l (algae, Scenedesmus subcapitatus); EC50 (16 h) 0.4 mg/l (Pseudomonas putida); EC10 (72 h) 0.04 mg/l (algae, Selenastrum capricornutum, OECD 201); NOEC (21 d) 1.2 mg/l (Daphnia magna, OECD 202); NOEC (28 d) 0.21 mg/l (fish, Oncorhynchus mykiss, OECD 215).

12.2 Persistence and degradability:

A part of the components is biodegradable. BIT: biodegradation >70% (activated sewage sludge, OECD 303 A); >90% (OECD 302 B).

12.3 Bioaccumulative potential:

BIT: log Kow 0.7 (OECD 117); bioconcentration factor (BCF) 6.95 (OECD 305).

12.4 Soil mobility:

No further relevant information available.

12.5 PBT and vPvB assessment results:

The mixture contains no components classified as PBT or vPvB at levels of 0.1% or higher.

12.6 Other adverse effects:

Water hazard class 1 (German regulation, self-assessment): slightly hazardous to water. None of the ingredients is listed as endocrine-disrupting. Behaviour in sewage treatment plants (BIT): EC20 (0.5 h) 3.3 mg/l; EC20 (3 h) 3.3 mg/l; EC50 (3 h) 13 mg/l (activated sludge organisms, OECD 209); Zahn-Wellens test 90% (OECD 302 B); >70% (OECD 303 A). Do not allow undiluted product or large quantities to reach groundwater, watercourses or the sewage system.

SECTION 13: DISPOSAL CONSIDERATION

13.1 Waste treatment methods:

Recommendation: Must not be disposed of together with household or municipal waste. Do not allow the product to reach the sewage system. There is a risk of environmental pollution. Follow the applicable waste-disposal regulations. Keep unused product and contaminated packaging sealed; provide containers for waste collection. Hand over for disposal to a specialist company authorised to carry out such activities. Empty containers may be used for energy recovery at a waste-incineration plant or, if classified accordingly, sent to a landfill site. Thoroughly cleaned packaging may be recycled. Dispose of contents/container in accordance with local, regional, national and international regulations.

European Waste Catalogue: 08 01 12 – waste paint and varnish other than those mentioned in 08 01 11 (for residues of the unprocessed product); 15 01 02 – plastic packaging (for completely emptied packaging).

Uncleaned packaging: Disposal must be made according to official regulations. Recycle only completely emptied packaging. Recommended cleansing agent: water, if necessary together with cleaning agents.

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SECTION 14: TRANSPORT INFORMATION

14.1. UN Number:

Not applicable (not classified as dangerous goods for ADR, IMDG or IATA).

14.2. Proper Shipping Name:

Not applicable.

14.3. Transport Hazard Class(es):

Not applicable.

14.4. Packing Group:

Not applicable.

14.5. Environmental Hazards:

Not applicable.

14.6. Special Precautions for User:

Not applicable.

14.7. Transport in Bulk According to MARPOL Annex II and the IBC Code:

Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1 Regulations and legislation on health, safety, and environment specific to the mixture:

Observe the general safety regulations when handling chemicals.

Poisons Act:

Regulated explosives precursors: None of the ingredients is listed.

Regulated poisons: None of the ingredients is listed.

Reportable explosives precursors: None of the ingredients is listed.

Reportable poisons: None of the ingredients is listed.

Directive 2004/42/EC: This product contains <30 g/l VOC (see Section 9). Product type: paints and varnishes; subcategory: primers; water-borne coatings, limit value 30 g/l.

Directive (EU) 2012/18 (Seveso III): None of the ingredients is listed in Annex I.

Regulation (EC) No 1907/2006 (UK REACH) Annex XVII, Entry 78: The product does not contain synthetic polymeric microplastics >0.01% according to EC 2055/2023.

Regulation (EU) No 649/2012 and Regulation (EC) No 273/2004 (drug precursors): None of the ingredients is listed.

National regulations – water hazard class: Water hazard class 1 (self-assessment): slightly hazardous to water.

15.2 Chemical Safety Assessment:

A chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

16.1. Abbreviations and Acronyms:

Relevant hazard statements (components):

H301 Toxic if swallowed. H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H330 Fatal if inhaled. H360D May damage the unborn child. H372 Causes damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road; IMDG: International Maritime Dangerous Goods Code; IATA: International Air Transport Association; GHS: Globally Harmonised System of Classification and Labelling of Chemicals; EINECS: European Inventory of Existing Commercial Chemical Substances; CAS: Chemical Abstracts Service; VOC: Volatile Organic Compounds; DNEL: Derived No-Effect Level; PNEC: Predicted No-Effect Concentration; LC50: Lethal concentration, 50%; LD50: Lethal dose, 50%; PBT: Persistent, Bioaccumulative and Toxic; vPvB: very Persistent and very Bioaccumulative; ATE: Acute Toxicity Estimate; Acute Tox.: Acute toxicity; Skin Irrit.: Skin corrosion/irritation; Eye Dam.: Serious eye damage/eye irritation; Skin Sens.: Skin sensitisation; Repr.: Reproductive toxicity; STOT RE: Specific target organ toxicity (repeated exposure); Aquatic Acute / Aquatic Chronic: Hazardous to the aquatic environment (acute / long-term).

The information provided in this datasheet is based on the data available to us at the date of its publication.

It is the user's responsibility to take appropriate precautionary measures and apply the recommendations described previously. The information presented in this datasheet should not be considered exhaustive.

Any use of the product not specified in the instructions on the packaging, our website, or other documents provided by our company is entirely the responsibility of the user.

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